

New York State Department of Transportation

PIA Safety Flag NB23U4W019

By: Malav Shah

Flag Date: May 22, 2023

Superseding Information:

No Flags Superseded

Structure Information

BIN: 1065318

Feature Carried: 278I278IX2M23027

Feature Crossed: 6TH AVENUE

Orientation: 8 - NORTHWEST

Region: 11 - NEW YORK CITY

County: KINGS

Political Unit: City of NEW YORK

Approximate Year Built: 1962

Posted Load Matches Inventory : Yes

Bridge Load Posting (Tons) : Not Posted for Load

Primary Owner: New York State Department of Transportation

Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party

Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder

This Bridge is not a Ramp

Number of Spans: 322

Verbal Notification Information

Person Notified: Muhammad Mubeen

Date: May 22, 2023 11:00:00 AM

Of: NYSDOT Region 11

Signature Information

Signature: Malav Shah, P.E. 106620-1

Date: May 26, 2023

Reviewed By: Robert Kemp

Date: May 26, 2023

Attachments: 6

Flagged Elements**No Flagged Elements****Flagged Condition Description**

This PIA Safety Flag No. NB23U4W019 is a New Flag.

Location: Span 300, Girder G1 and Floorbeam FB3 between G1 and G2.

The heavy debris from delaminated steel surfaces is accumulated in excessive amounts on the following structural elements and as such is prone to fall onto vehicular traffic below:

- (1) Lower top flange and both (upper and lower) bottom flanges of the Girder G1 on the right face at Floorbeam FB3,
- (2) Floorbeam FB3 bottom flange on both sides of the FB web, between Girders G1 and G2, and
- (3) The diagonal and horizontal chord members in the vertical truss assembly below Floorbeam FB3, between Girders G1 and G2.

This flag is located at an elevation of more than 120 feet over Hamilton Avenue WB, between the Gowanus Canal and Smith Street.

Flag Photographs

Photo Number: 1

Photo Filename: NB23U4W019 LOCATION PLAN.JPG

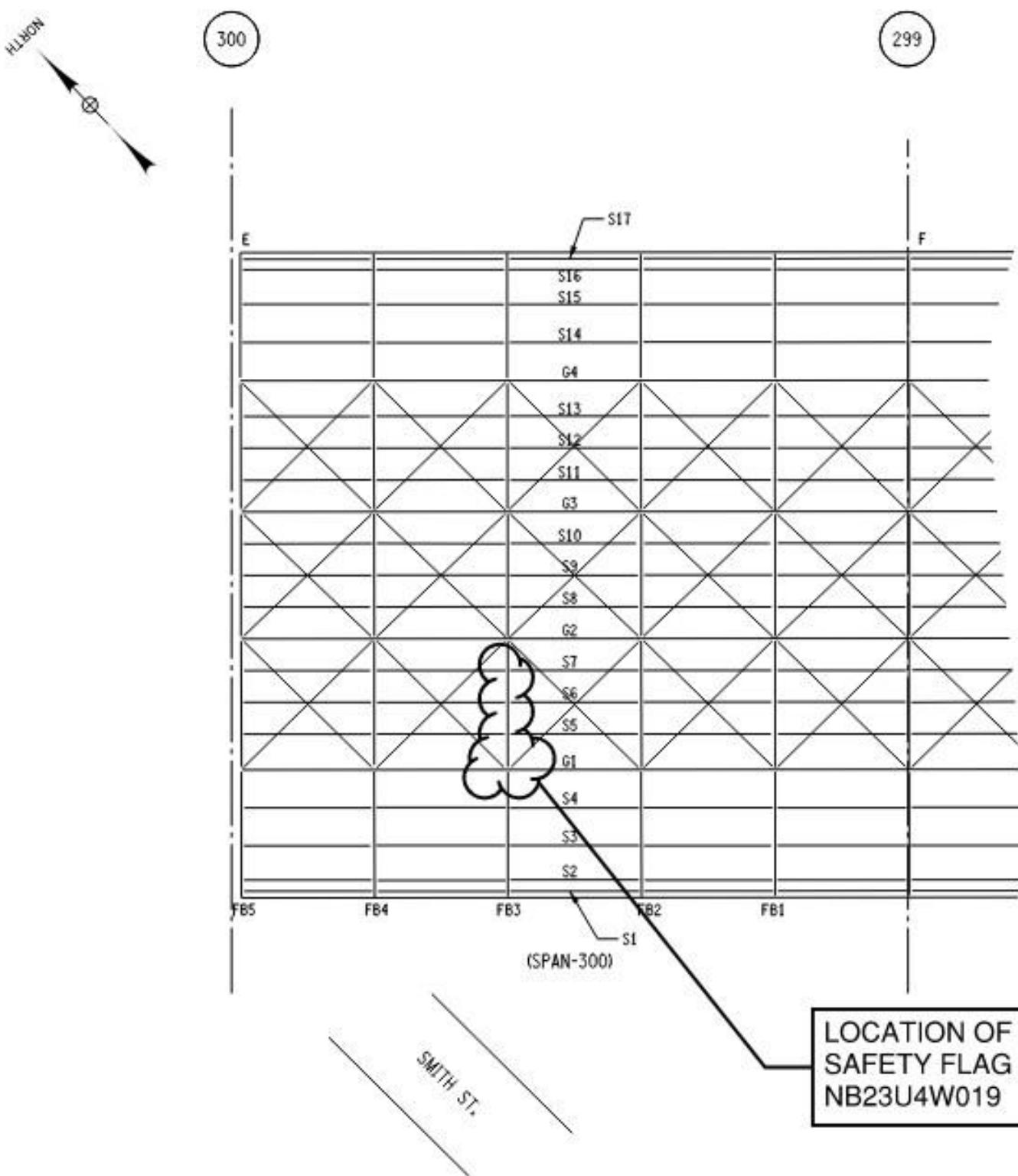
**Attachment Description: Flag Location Plan**

Photo Number: 2

Photo Filename: General View PIA Safety Flag.JPG



Attachment Description: General View of the roadway below the girder and floorbeam in Span 300. The PIA location is over similar. Looking End-Left.

Photo Number: 3

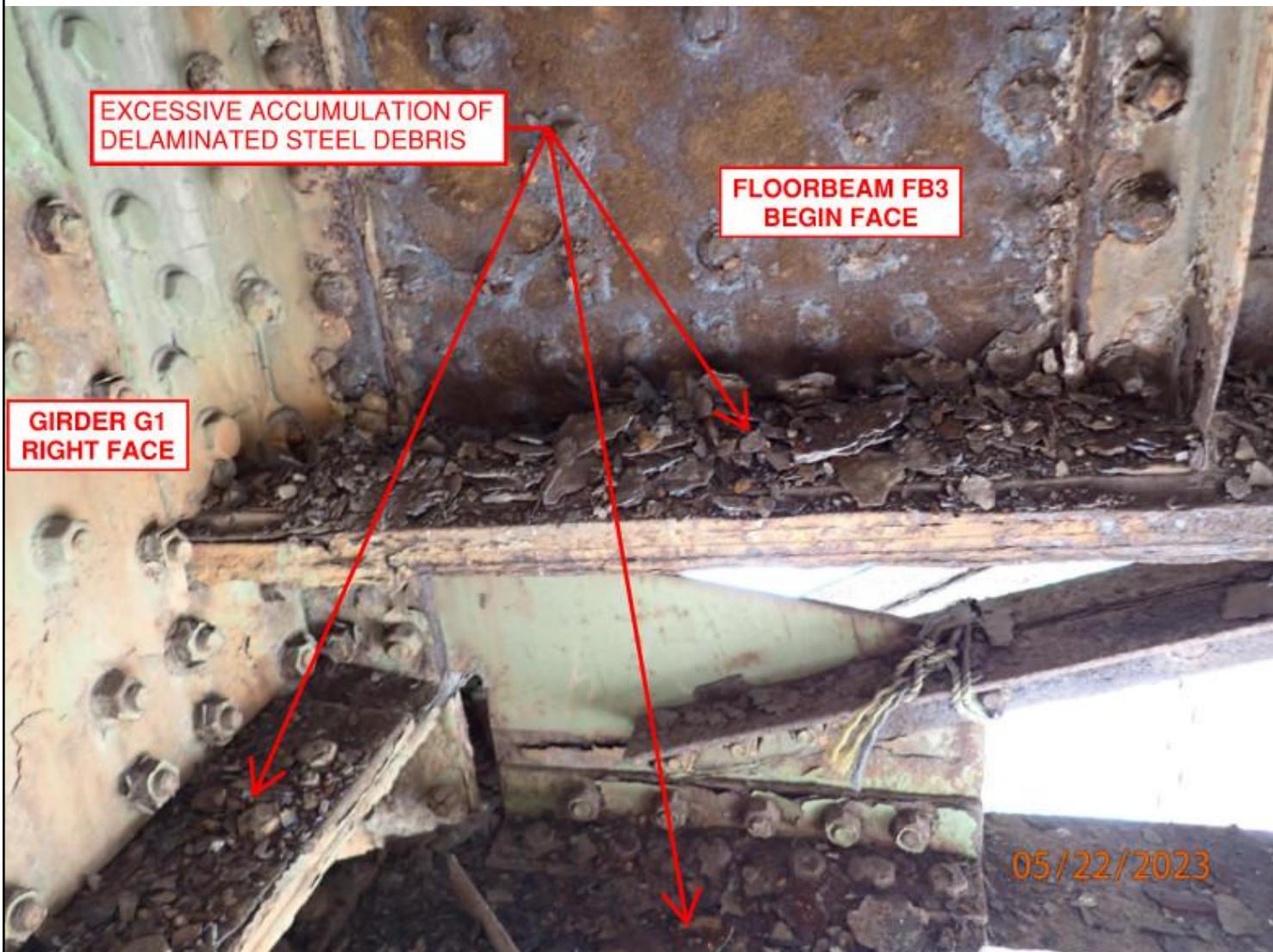
Photo Filename: P5223179.JPG



Attachment Description: Excessive accumulation of steel debris on the horizontal gusset plate at Floorbeam FB3 End Face and Girder G1 Right Face. Looking Begin-Left.

Photo Number: 4

Photo Filename: P5223238.JPG



Attachment Description: Excessive accumulation of steel debris on the horizontal gusset plate and bottom flanges of Floorbeam FB3 on the Begin Face and Girder G1 Right Face. Looking End-Left.

Photo Number: 5

Photo Filename: P5223247.JPG



Attachment Description: Accumulation of steel debris on bottom flange of Floorbeam FB3 on Begin Face. Looking End-Right.

Photo Number: **6**Photo Filename: **P5223248.JPG**

Attachment Description: Accumulation of steel debris on bottom flange of Floorbeam FB3 on the Begin Face. Looking End-Right.